

PRODUCT DATA SHEET

CuSol®-5

PRODUCT DESCRIPTION

CuSol®-5 is a pesticide specifically formulated for exterior wood preservation. It is a blue to bluish-green concentrate of soluble Copper Monoethanolamine that requires dilution with water prior to use. After drying, treated surfaces will appear green to brownish-green and fade to a silver grey color in the sun over time. To treat wood for use in moderate decay hazard situations, dilute one part of CuSol-5 with 4 parts of water. To treat wood for use in high decay hazard situations (such as ground contact) dilute one part of CuSol-5 with 1.5 parts of water. The water-soluble copper in CuSol attaches to the cellulose, severely limiting leaching of the treatment. CuSol solutions have a mild amine odor. Please read details below before making your final decision to use this product.

RECOMMENDED EXTERIOR USES

Window frames, wood shake and shingle roofs, doors, siding, shingles, trellises, fence pickets and rails, arbors and beverage cases, fence posts, poles, foundation sills, decks, and all exterior wood exposed to moisture or weather. Use on exterior wood located in the open or in a *well-ventilated, exterior location*. Due to its very low phytotoxicity, CuSol can be used to treat wood for greenhouses and nursery flats. CuSol-5 may not be used where it may come in contact with food, feed, or potable water.

Termites and Powder post beetles will not attack wood treated properly with CuSol-5. CuSol also provides control of decay fungi and more destructive rot-causing organisms. Please note, periodic re-treatment will be required at various intervals, especially if dip soaking is not feasible. Do not use this preservative option if it is not possible to inspect and re-treat the wood as needed.

With the addition of water repellents, CuSol-5 provides limited control of warping, swelling, shrinking and end checking caused by changes in moisture content.

CuSol-5 is not corrosive to iron.

SURFACE PREP & APPLICATION PROCEDURES

Read the entire label prior to use. Seasoned or "green" wood may be treated. New wood should be free of bark. Old wood should be clean and dry. Remove mold, mildew, algae, lichens, etc. with a pressure washer or a solution of bleach/detergent/water. Rinse thoroughly to remove any bleach residue.

For ground contact applications, wood should be immersed in diluted CuSol solution for 12 – 48 hours or until the sapwood is completely penetrated. For above-ground protection, a three minute dip is sufficient.

If immersion treatment is not feasible, brush, roller or spray application can provide protection and enhance service life. Apply a sufficient amount of diluted CuSol to penetrate the sapwood.

Exterior house paint may be applied over CuSol treated wood with these provisions:

- Allow CuSol to dry for a minimum of 72 hours.
- For best results, apply a paint *primer*, then -
- Follow directions for oil or latex topcoat paint application.

Semi-transparent Stain and Water Repellents. CuSol can be colored by utilizing the universal machine colorants used by paint stores to tint oil or water-based paints. Remember that the background color of the dried CuSol will be green to brownish green, but will fade in the sun over time. If machine colorants are added, it is important to note this color drift.

Water-based *water repellents* may also be mixed into CuSol solutions to improve dimensional stability of the treated wood. Millbrite® 50 is a *water repellent and cedar brown color concentrate* that can be used in combination with CuSol-

5 for shake and shingle roof treatment applications. (1 gallon of Millbrite 50 + 5 gallons CuSol-5 concentrate + 20 gallons water.) Note: Agitation is required.

CLEAN UP

Cleans up with detergent and water.

HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN

Do not handle until all safety precautions have been read and understood. See product label and Safety Data Sheet for hazards and precautions.

Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear.

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Mix contents before using. Do not allow to freeze.

For product emergency, contact Chemtrec at 1-800-424-9300.

TECHNICAL DATA

		INGREDIENTS	
Flashpoint	Will not flash (when tested using PMCC)		
Appearance	Blue Liquid	Active Ingredient: Copper Monoethanolamine Complex	
Weight/Gallon	9.05 lbs/gallon @ 68° F.		14.6%*
pH	10.5-10.7	Inert Ingredients	85.4%
Corrosivity	Non-corrosive to iron	*Equivalent to 5% metallic copper	
VOC	Meets all state VOC requirements. Volatile Organic Compounds 50 gm/liter r		
Specific Gravity	1.0865		

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Directions for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product, which appear on the product label. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made.

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